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	FILING DATE 2/6/98	GROUP 3735

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PATENT & TRADEMARK OFFICE

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
82i	1,355,846	10/19/20	Rannells			
	2,547,758	1/5/49	Keeling 4/51			
	2,969,057	11/4/57	Simmons			
	3,367,332	2/6/68	Groves 1/61			
	3,648,692	3/14/72	Wheeler			
	3,682,180	8/8/72	McFarlane			
	3,826,254	7/30/74	Mellor			
	4,080,970	3/28/78	Miller			
	4,096,853	6/27/78	Weigand			
	4,139,004	2/13/79	Gonzalez			
	4,165,748	8/28/79	Johnson			
	4,261,363	4/14/81	Russo			
	4,275,721	6/30/81	Olson			
	4,297,995	11/3/81	Golub			
	4,333,468	6/8/82	Geist			
	4,373,519	2/15/83	Errede et al.			
	4,382,441	5/10/83	Svedman			
	4,392,853	7/12/83	Muto			
	4,392,858	7/12/83	George et al.			
	4,419,097	12/6/83	Rowland			
	4,475,909	10/9/84	Eisenberg			
	4,480,638	11/6/84	Schmid			
	4,525,166	6/25/85	Leclerc			
	4,525,374	6/25/85	Vailancourt			
	4,540,412	9/10/85	Van Overloop			
	4,543,100	9/24/85	Brodsky			
	4,551,139	11/5/85	Plaas et al.			
	4,569,348	2/11/86	Hasslinger			
	4,605,399	8/12/86	Weston et al.			
	4,608,041	8/26/86	Nielson			
	4,640,688	2/3/87	Hauser			
82i	4,655,754	4/7/87	Richmond et al.			

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4,733,659	3/29/88	Ed 3 et al.		
4,743,232	5/10/88	Kruger		
4,826,949	5/2/89	Richmond et al.		
4,838,883	6/13/89	Matsuura		
4,840,187	6/20/89	Brazier		
4,863,449	9/5/89	Therriault et al.		
4,872,450	10/10/89	Austad		
4,878,901	11/7/89	Sachse		
4,897,081	1/30/90	Poirier et al.		
4,906,233	3/6/90	Moriuchi et al.		
4,906,240	3/6/90	Reed et al.		
4,919,654	4/24/90	Kalt		
4,941,882	7/17/90	Ward et al.		
4,953,565	9/4/90	Tachibana et al.		
4,969,880	11/13/90	Zamierowski		
4,985,019	1/15/91	Michelson		
5,037,397	8/6/91	Kalt et al.		
5,100,396	3/31/92	Zamierowski		
5,149,331	9/22/92	Ferdman et al.		
5,261,893	11/16/93	Zamierowski		
5,298,015	3/29/94	Komatsuzaki et al.		
5,636,643	6/10/97	Argenta et al.		
5,645,081	7/8/97	Argenta et al.		

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

OTHER DOCUMENTS (including Author, Title, Date, Relevant Pages, Place of Publication)

Examiner

David J. Cho

Date Considered

3/11/99

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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